



SDMS DocID

445693

Via U.S. Mail

April 9, 2008

Joseph LeMay, Remedial Project Manager
US EPA – Region I
1 Congress Street
Suite 1100 (HBO)
Boston, MA 02114-2023

Re: Operations & Maintenance Summary Monthly Report – March 2008
UniFirst Corporation, Wells G&H Site, Woburn, MA

Dear Mr. LeMay:

On behalf of UniFirst Corporation, I am submitting the report “Source Area & Operable Unit 1, Operations & Maintenance Summary Monthly Report” for the period March 1 through March 31, 2008.

Should you have any questions, please call.

Sincerely,

Timothy M. Cosgrave
Project Manager

TMC:hs
enclosure

cc: Jennifer McWeeney, BWSC, DEP
David Sullivan, TRC
Jack Badey, UniFirst
Greg Bibler, Goodwin Procter LLP
Peter Cox, RETEC
Susan Brand, Cummings Properties
Jay Bridge, GeoTrans
Maryellen Johns, Remedium
Jeffrey Lawson, PCC
Jay Stewart, Lowenstein Sandler
Jeff Hamel, Woodward & Curran

Wells G & H
8.5
445693

249 Ayer Road, Suite 206
Harvard, Massachusetts
01451-1133

978-772-1105
Fax 978-428-6177
tcosgrave@harvardprojects.com

**Source Area & Operable Unit 1
Operations & Maintenance
Summary Monthly Report
UniFirst Corporation**

March 1 – March 31, 2008

Wells G & H Site
Woburn, Massachusetts

Prepared for:
UniFirst Corporation
68 Jonspin Road
Wilmington, Massachusetts
01887-1086

Prepared by:

Harvard Project Services LLC
249 Ayer Road, Suite 206
Harvard, MA 01451-1133

1 Introduction

Harvard Project Services (HPS), as Operation and Maintenance Contractor of the groundwater recovery and treatment system (System) at UniFirst Corporation, 15 Olympia Avenue, Woburn, Massachusetts, has prepared this report. The System, which started pumping on September 30, 1992, is part of the ongoing Remedial Action of the Wells G&H Superfund Site in Woburn, Massachusetts. This report describes the groundwater recovery and treatment activities for the period March 1 through March 31, 2008 and identifies future remedial design/remedial action (RD/RA) activities at the site.

2 System Operation & Maintenance

2.1 Maintenance

Table 1 summarizes the maintenance activities during the reporting period at the Treatment Plant.

Table 1. UniFirst Treatment Plant Maintenance Summary.

Date	Activity	Company
March 4	Routine Site Visit Monthly Sampling Quarterly Sensor Inspection	HPS
March 11	Routine Site Visit	HPS
March 18	Routine Site Visit	HPS
March 25	Routine Site Visit	HPS

2.2 Treatment System Process Flow & Pressures

The total monthly flow through the System for the reporting period was 1.88 million gallons. The average flow rate during this period was approximately 42.1 gallons per minute. The average hourly flow rate in gallons per minute is depicted in Figure 1.

The average hourly carbon pressure at the influent to the primary tank during the month was 8.1 psi. The trend of the carbon system pressure is illustrated in Figure 1. The process flow through the carbon vessels was Tank 3 to Tank 4 to Tank 1.

2.3 Drawdown Elevation in UC22

During the reporting period, the average hourly pumping water level elevation in well UC22 was approximately 25.4 feet above mean sea level. The water level elevations for the month are shown in Figure 1.

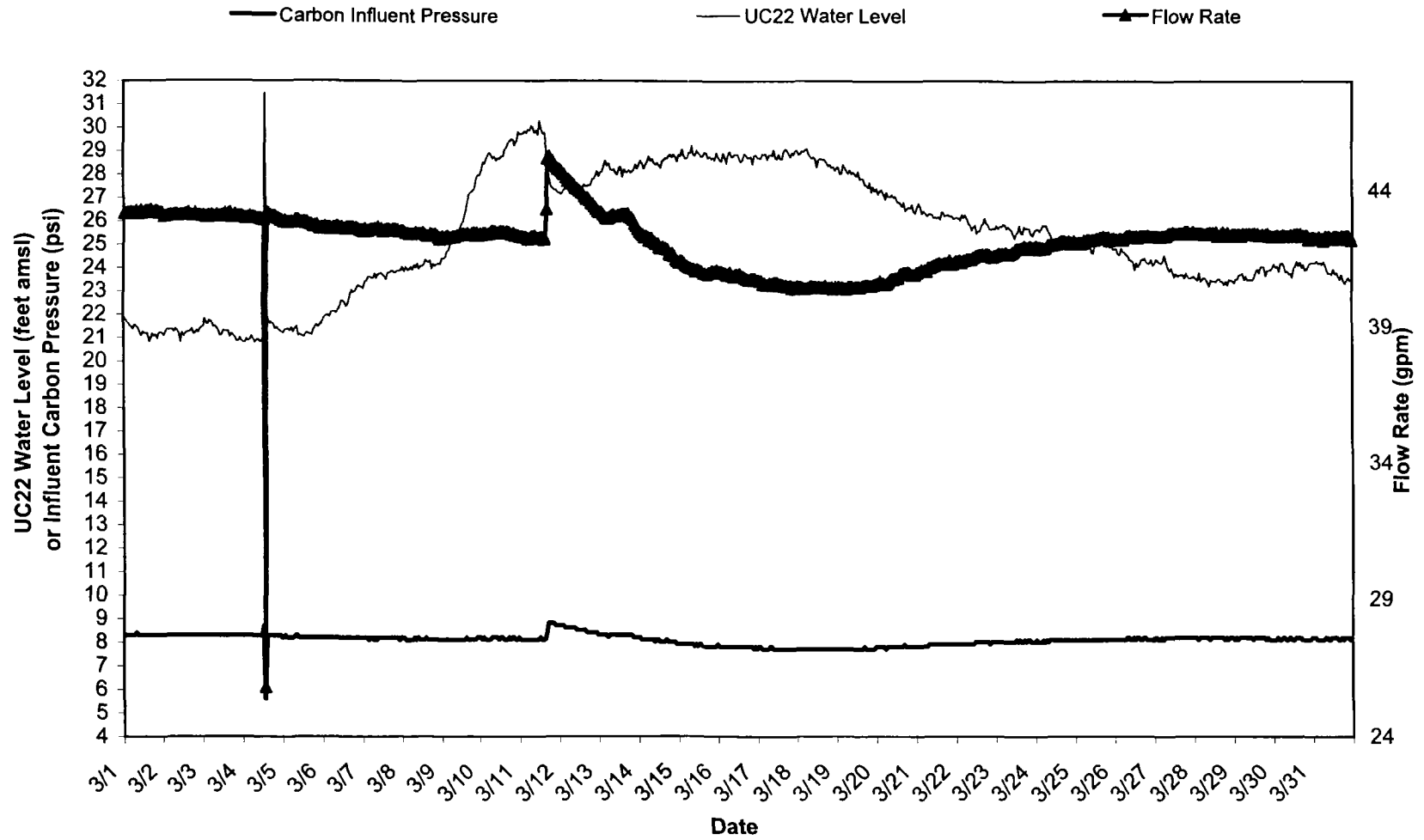
3 Treatment System Performance

The effectiveness of the treatment system is monitored by monthly sampling and analysis. Analytical samples for routine monitoring were collected on March 4, 2008 from sample points S1, S5C1, S5C2 and S6. Monthly analytical results are summarized in the attached table, "Water Quality Summary."

4 Future Activities

Operation and monitoring of the groundwater extraction and treatment system will continue. Routine monthly samples will be collected on April 1 and May 6, 2008

Figure 1: March 2008 Operations Data



Water Quality Summary

Groundwater Treatment System
UniFirst Corporation
Wells G & H Site, Woburn, Massachusetts

Sample Date: 3/4/2008

Method: 8260

Sample Location: **S1, Influent**

CAS No.	Compound	Result	Qualifier	Units	Detection Limit
56-23-5	Carbon Tetrachloride	<1.0		µg/L	1.0
75-34-4	1,1-Dichloroethene	<1.0		µg/L	1.0
127-18-4	Tetrachloroethene	250		µg/L	5.0
79-01-6	Trichloroethene	8		µg/L	1.0
0540-59-0	1,2-Dichloroethene (total)	1 J		µg/L	2.0
71-55-6	1,1,1-Trichloroethane	1 J		µg/L	1.0

Sample Date: 3/4/2008

Method: 8260

Sample Location: **S5C1, 1st carbon effluent**

CAS No.	Compound	Result	Qualifier	Units	Detection Limit
56-23-5	Carbon Tetrachloride	<1.0		µg/L	1.0
75-34-4	1,1-Dichloroethene	<1.0		µg/L	1.0
127-18-4	Tetrachloroethene	10		µg/L	1.0
79-01-6	Trichloroethene	11		µg/L	1.0
0540-59-0	1,2-Dichloroethene (total)	3		µg/L	2.0
71-55-6	1,1,1-Trichloroethane	2		µg/L	1.0

Sample Date: 3/4/2008

Method: 8260

Sample Location: **S5C2, 2nd carbon effluent**

CAS No.	Compound	Result	Qualifier	Units	Detection Limit
56-23-5	Carbon Tetrachloride	<1.0		µg/L	1.0
75-34-4	1,1-Dichloroethene	<1.0		µg/L	1.0
127-18-4	Tetrachloroethene	<1.0		µg/L	1.0
79-01-6	Trichloroethene	<1.0		µg/L	1.0
0540-59-0	1,2-Dichloroethene (total)	3		µg/L	2.0
71-55-6	1,1,1-Trichloroethane	2		µg/L	1.0

Sample Date: 3/4/2008

Method: 524.2

Sample Location: **S6, final effluent**

CAS No.	Compound	Discharge Limit	Result	Qualifier	Units	Detection Limit
71-43-2	Benzene	5.0	<0.5		µg/L	0.5
56-23-5	Carbon Tetrachloride	5.0	<0.5		µg/L	0.5
75-34-4	1,1-Dichloroethene	7.0	<0.5		µg/L	0.5
127-18-4	Tetrachloroethene	5.0	<0.5		µg/L	0.5
79-01-6	Trichloroethene	5.0	<0.5		µg/L	0.5
0540-59-0	1,2-Dichloroethene (total)	70.0	<1.0		µg/L	1.0
71-55-6	1,1,1-Trichloroethane	Monitor Only	<0.5		µg/L	0.5
7439-92-1	Lead, total (Method 200.7)	10.2	<1.40		µg/L	1.4